



**ADDENDUM
REQUEST FOR PROPOSAL
CITY OF AUSTIN, TEXAS**

RFP: PAX0129

Addendum No: 9

Date of Addendum: 03/30/2016

This addendum incorporates the following changes, questions, and answers to the above-referenced RFP.

1. Q) Is it the City intent to exchange route data between the solution implemented and the City RouteSmart optimization software on a regularly scheduled basis for route sequencing? If so, how often will routes be re-sequenced?
A) Yes, the requirement is to exchange route data between the solution implemented and your routeSmart optimization software at least daily
2. Q) Section 0500, item 4.2.1, the City indicate the desire for the proposed solution to integrate with on-board vehicle scale systems, and external scale house scales. What onboard scale systems are currently employed on vehicles, and what specific weight data is the City looking to obtain (i.e. weights of individual lifts, total commodity weights processed, etc.)? What desired integration does the City want with scale house scales at City or contractor facilities? What scale systems are deployed at these locations? Do all of the scales on board the trucks offer an RS232C connection?
A) Currently the scale houses used by contracted facilities do not use a system that could transmit data (with or without an RS232C connection). Because of this ARR will continue to use a manual process for collecting weight data. If in the future the contracted facilities upgrade to a wireless transmission functionality, we would like for the in vehicle solution to be adaptable to support this function
3. Q) Section 0500, item 4.4.7, the City requested locking dock stations in vehicles with master keys. Is it also acceptable for the devices to be "fix mounted" yet removable, such as during a vehicle maintenance interval or device warranty repair, rather than being in a quick release docking station? Must a quick release docking mount be a part of the in-vehicle setup design? For every vehicle type needing a touch screen display?
A) Yes, a quick release docking mount is a requirement to secure the devices when vehicles are not in service also for quick transfer to another vehicle during situations such as accidents or breakdowns mid-route
4. Q) Section 0500, item 4.5.4, the City indicate solution must be compatible with ARR's RouteSmart software, and printed paper maps. Is it the intent that the City will continue to print paper maps for drivers as part of the new system, or can these be replaced entirely with electronic display maps in the vehicles?, will these (electronic maps) need to be generated in RouteSmart, or are these expected to come out of the new solution? What data do you see being exchanged between the new solution and RouteSmart on a regular basis? Can samples of RouteSmart route maps, for a residential and commercial route be provided? What electronic files will be supplied from the RouteSmart system on a regular basis and how often?
A) Yes, paper maps to be completely replaced by electronic display maps in the vehicles, ARR's routing team will create these electronic maps via RouteSmart. ARR RouteSmart is ran through ESRI's ArcGIS. The output file(s) will be in .mxd, .pdf, .shp, .gbd, .xls, and .cvs format
5. Q) Section 0500, Page 7 describe the ability of the solution to be able to provide the RFID identification of vehicles at scale house facilities (if so equipped). Are any of the City or contractor facilities currently equipped with such vehicle RFID processing systems? If so, what systems are in use, and what are

the RFID tag requirements for each? Will the vendor for this RFP be required to place any tags in the vehicles as part of the proposal?

- A) No. Tags in the vehicles will depend on the solution provided by the vendor.
6. Q) Are the containers housing the RFID tag in the handle using a special tag number sequencing scheme normally offered by the tag supplier to rule out errant reads during a lift possibly present on disposed material in the container? Can the City supply a list of cart serial numbers and their corresponding tag # and address/location information in electronic format (describe)?
- A) RFID tag numbers are unique to the serial number of the cart. At this point in time we do not track serial numbers/RFID tags with their corresponding addresses
7. Q) Section 0500, page 10 note that historical data needs to be imported into the new system. What historical data must be imported, and how far back does the City want to go? Can the City provide an example of the types of items they want maintained for historical purposes, and their data formats?
- A) The City requires all data points stored in SWTS from 1 January 2011 until the date of execution be transferred. This data will include (but not limited to) weight data, route data, type of service data, personnel data.
8. Q) Section 0500, item 4.11 request onsite replacement parts inventory. How many vehicle mobile spares do you want to keep onsite?
- A) 5%
9. Q) Section 0500, page 16, requirement CRDI03, and page 20 requirement ECCN03 note that system should allow for a wireless handheld device for drivers to record issues. Is recording issues meant primarily to capture a photo with some accompanying information entered by the driver?
- A) Yes, handheld should be able to receive all transmitted data from the proposed handheld companion device
10. Q) Is it anticipated that for those vehicles equipped with the onboard computer system with a companion touch screen control display, each vehicle must, in addition, be outfitted with a wireless handheld device that is portable enough to be taken outside of the vehicle for the purpose of documenting issues with photos?
- A) No, The handheld device will stay in-vehicle while in use
11. Q) Would it be acceptable if the onboard computer system captured pictures/video using fixed mount vehicle cameras rather than requiring an additional yet separate handheld wireless device?
- A) No, compatibility with fixed mounted systems is beneficial, but does not remove the need for compatibility with the proposed handheld device
12. Q) Which vehicle types would a separate device used out of the vehicle be preferred or required?
- A) If this question is in regards to the in-vehicle handheld device, none; if this question is in regards to the portable proposed handheld RFID, all vehicle types listed in the RFP.
13. Q) Would it be sufficient to have a screen based button the driver could select to note a "Lost Cart" that would create an alarm and note the customer service location?
- A) The City would prefer to have an automated detection of the lost cart in hopper to accurately identify the number of carts being lost either to malfunctioning equipment or driver error rather than relying on the driver to initiate by selecting a screen based button
14. Q) What is the City's operational practice for drivers when a cart is lost in the hopper – do they attempt to retrieve it? If not, is it desired that an immediate cart replacement activity be generated at the time of loss? Must all cart replacement work orders be generated in CC&B system, or could the proposed solution take over the responsibility of initiating and scheduling cart replacements, set outs?
- A) Any carts lost in the hopper are not retrieved. ARR's operational desire is to have an immediate cart replacement activity be generated at the time of loss and it should be directed to the driver's supervisor. The proposed solution must be able to report a cart replacement, set out or repair to CC&B.

15. Q) Section 0500, page 18 indicate a desire to be able to send email/text messages to customers about cart replacements. Does the City have email/text message information for all of its customers currently?
- A) Yes
16. Q) Is there a secondary follow-up mechanism that would be used in conjunction with attempting to send an email/text, i.e. a phone call or USPS letter?
- A) Yes, phone call.
17. Q) Can the City confirm that RFID readers are required only for all automated and rear loaders (except those used for yard trimmings)?
- A) The RFID requirement is one of compatibility, the handheld device is required to have the ability to communicate with RFID handheld type devices.
18. Q) Which vehicles have 1 tipper? Two tippers? Which vehicles in the equipment list are roll off?
- A) See Attachment B Vehicle and Equipment List
19. Q) Attachment B Vehicle and Equipment List, can you confirm which vehicles will not require a screen based solution for the driver interface?
- A) All the vehicles listed on Attachment B Vehicle and Equipment List will need any required harnessing and wiring necessary for the operation of the handheld device (M. Turner, ARR)
20. Q) Will the vehicles that are currently showing no modem also require the appropriate AVL solution, i.e., either with or without a driver display?
- A) This RFP is for an in-vehicle handheld device and work management system replacement.
21. Q) Can the City supply the specifications for the antennas they would like to reuse with the new systems?
- A) Low-profile Broadband Antenna: LTE- PCTEL PN: BMLPVM/LTE (black finish only) Low-profile GPS Antenna: Larsen PN: GPSNMO02.-02 denotes black finish, -01 denotes white finish
22. Q) Is the cart/RFID inventory current and maintained?
- A) Currently the Cart/RFID inventory is not maintained
23. Q) Are the routes currently run in sequence given that the City uses RouteSmart?
- A) No.
24. Q) Scope of Work, Section 4.7.15 on page 10 of 29 talks about a protective enclosure. Does this refer to the vendor responsibility to keep its installation tools only safe while on site and does not refer to any of the equipment purchased?
- A) It is ARR's responsibility to secure ARR owned assets on ARR property, it is the vender's responsibility to secure assets they own on and off COA property
25. Q) Scope of Work, Section 4.7.16, given that the winning vendor may be using 3rd party installers, is this a hard requirement as stated? Or, is it equally acceptable to just supply high visibility vests for the installers with the vendor name/ logo present on the vest?
- A) It is acceptable for vendors to use high visibility vests vendor name/ logo present on the vest
28. Q) Please clarify the number of trucks, make, model, and year and/or VIN # for each phase of the project. (Answer may be combined with the Vehicle Specific Vendor Questions spreadsheet referenced earlier)
- A) The requested information can be found on Attachment B – Vehicle and Equipment List.

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.

BY THE SIGNATURES affixed below, this Addendum is hereby incorporated into and made a part of the above-referenced Request for Proposal.

APPROVED BY:



Sai Xoomsai, Senior Buyer Specialist
Purchasing Office

03/30/2016

Date

ACKNOWLEDGED BY:

Vendor Name

Authorized Signature

Date

RETURN A COPY OF THIS ADDENDUM to the City of Austin Purchasing Office with your proposal. Failure to do so may constitute grounds for rejection of your offer.